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\multicolumn{4}{l}{*DB=USPT; PLUR=YES; OP=OR*}
L16	('5910896'| '6594640'| '6397193'| '6260024'| '5315508')[PN]	5	L16
L15	l13 and L14	23	L15
L14	((705/$)!.CCLS.)	8608	L14
L13	l5 and L12	64	L13
L12	l11 same l4	1339	L12
L11	purchase	42127	L11
L10	l8	32	L10
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L9	l2 and L8	115	L9
L8	l2 and l4 and l5	115	L8
L7	weight	2262160	L7
L6	volume	1491389	L6
L5	(single or together or one) adj2 (package or shipment)	29692	L5
L4	delivery	454448	L4
L3	pack$	1288749	L3
L2	((705/26 |705/27 |705/28 |705/29)!.CCLS.)	4283	L2
L1	baba-yoshimi$.in.	55	L1

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2 Electronic Bills of Lading and Functional Equivalence.
3 Probabilistic analyses and practical algorithms for inventory-routing models.
4 Transportation and the net: What's hot, what's not.
5 The Future of Interactive Marketing.
6 Subasta.com Enters Into Strategic Partnership With From2.com.
7 Subasta.com, the Premier Online Auction Board for Latin America, Spain, and th

☐ **document 1 of 7** Order Document
Examiners' Electronic Digest Database (EEDD)

Accession number & update
    0000000233 20030603.
Title
    The Price is Right.
Publication Information
    Turner, Rob. The Price is Right. Money, vol. 28, no. 5, May 1999. p. 199-201.
Abstract
    With thousands of Websites selling stuff, how can a shopper unearth bargains? Fortunately, they can
    make the Internet do the work for them by using **one** of the many new price comparison Websites
    (a.k.a. shopping bots.) These sites will search from a few dozen online stores for the lowest price on
    what the shopper wants. Some of the best sites for comparing prices on books, music and
    computers /electronics are listed, including: 1. www.bestbookbuys.com, 2. mySimon.com, and 3.
    Shopper.com.

☐ **d cument 2 f 7** Order Document
Examiners' Electronic Digest Database (EEDD)

Accession number & update
    0000000228 20030602.
Title

Electronic Bills of Lading and Functional Equivalence.

Publication Informati n

Livermore, John; Euarjai, Krailerk. Electronic Bills of Lading and Functional Equivalence. The Journal of Information, Law and Technology, no. 2, June 30, 1998.

Abstract

Merchants are increasingly using computers to facilitate international transactions, and many observers believe that full-fledged electronic commerce is nearing reality. At present, the business community uses a system known as electronic data interchange (EDI). Because EDI is both quick and efficient, the **shipping** industry is expected to benefit greatly from its adoption, particularly in the areas of bills of lading. Unfortunately, numerous technical and legal obstacles have slowed the introduction of EDI, with the chief impediment being the law's insistence on paper-based documentation. Recently, however, several significant steps have been taken to promote the use of EDI. The purpose of this paper is to briefly describe these developments.

☐ **document 3 of 7** <u>Order Document</u>

Examiners' Electronic Digest Database (EEDD)

Accession number & update

0000000049 20030402.

Title

Probabilistic analyses and practical algorithms for inventory-routing models.

Publication Information

Chan, Lap Mui Ann; Federgruen, Awi. Probabilistic analyses and practical algorithms for inventory-routing models. Operations Research, vol. 46, no. 1, January- February 1998. p. 97.

Abstract

We consider a distribution system consisting of a **single** warehouse and many geographically dispersed retailers. Each retailer faces demands for a **single** item which arise at a deterministic, retailer specific rate. The retailers' stock is replenished by a fleet of vehicles of limited capacity, departing and returning to the warehouse and combining deliveries into efficient routes. The cost of any given route consists of a fixed component and a component which is proportional with the total distance driven. Inventory costs are proportional with the stock levels. The objective is to identify a combined inventory policy and a routing strategy minimizing system-wide infinite horizon costs. We characterize the asymptotic effectiveness of the class of so-called Fixed Partition policies and those employing Zero Inventory Ordering. We provide worst case as well as probabilistic bounds under a variety of probabilistic assumptions. This insight is used to construct a very effective algorithm resulting in a Fixed Partition policy which is asymptotically optimal within its class. Computational results show that the algorithm is very effective on a set of randomly generated problems.

☐ **document 4 of 7** <u>Order Document</u>

Examiners' Electronic Digest Database (EEDD)

Accession number & update

0000000247 20020823.

Title

Transportation and the net: What's hot, what's not.

Publication Information

Stone, Sarah. Transportation and the net: What's hot, what's not. Purchasing, vol. 126, no. 6, April 22, 1999. p. S27-S29.

Abstract

One use of the Internet that promises to have an impact on transportation and logistics is the recognition on the part of several US government agencies that by making it easy for **shippers** to get information or deal with necessary paperwork online, they can increase compliance and streamline their own infrastructures. Two examples are the US Customs Service and the Census Bureau. A mere year ago, some companies were dismissive of e-commerce, viewing it as at best a fad. Now those same companies, both consumer and business oriented, are hastening to jump into what is rapidly becoming the market of choice. Matching cargo and truck space sounds like a natural for the Internet, and indeed, the National Transportation Exchange is dedicated to getting **shippers** and carriers together via the Web. Industry analysts cite inter-organizational connectivity as the next frontier for making optimum use of the Internet within the purchasing and logistics functions.

☐ **document 5 of 7** Order Document

Examiners' Electronic Digest Database (EEDD)

Accession number & update

0000000140 20020823.

Title

The Future of Interactive Marketing.

Publication Information

The Future of Interactive Marketing. Harvard Business Review, November- December 1996. p. 151.

Abstract

Is interactivity the greatest marketing opportunity of all time? Or does it represent 101 ways to lose money? If it is an opportunity, how will it manifest itself? What will interactive marketing look like, and what will it mean for customers and for companies? Those were some of the questions explored in May 1996 at the Harvard Business School Conference on the Future of Interactive Marketing. HBR's Perspectives, introduced by conference chairman John Deighton, capture some of the highlights of the discussions. Interactivity, Deighton notes, points to two features of communication: the ability to address an individual and the ability to gather and remember the response of that individual. And although interactivity in **one** form or another has existed in marketing for a long time, a key question today is the significance of high-tech interactivity. Conference participants focused in particular on the World Wide Web and the Internet with varying degrees of enthusiasm and skepticism. They also offered advice and opinions on exactly what today's senior managers should be thinking about as they consider taking their organizations on-line. Commentator Martin Levin of Microsoft Corporation, for example, stresses the importance of making sure a company's use of the Web is appropriate; Patrick Barwise of London Business School discusses security issues; Stephan Haeckel of IBM's Advanced Business Institute notes that surprises are fundamental to progress in exploiting interactive technology; Richard Tedlow of the Harvard Business School takes a skeptical stance with regard to the often dazzling claims made for high-tech interactivity. Eight other commentators from the business world, academia, and government also offer insights.

☐ **document 6 of 7** Order Document

Examiners' Electronic Digest Database (EEDD)

Accessi n number & update

0000000065 20020823.

Title

Subasta.com Enters Into Strategic Partnership With From2.com.

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Publication Informati n
Subasta.com Enters Into Strategic Partnership With From2.com. Business Wire, July 16, 1999.

☐ **document 7 of 7** <u>Order Document</u>
Examiners' Electronic Digest Database (EEDD)

Accession number & update
0000000063 20020823.
Title
Subasta.com, the Premier Online Auction Board for Latin America, Spain, and the Hispanic Sector of the U.S., Has Attracted Over 60,000 Viewers in Less Than Two Months!.
Publication Information
Subasta.com, the Premier Online Auction Board for Latin America, Spain, and the Hispanic Sector of the U.S., Has Attracted Over 60,000 Viewers in Less Than Two Months! Business Wire, July 16, 1999.

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4	EEDD	select$ WITH (product$ OR good$ OR item$)	37	show titles
5	EEDD	combin$ WITH (package$ OR ship$)	3	show titles
6	EEDD	4 AND 5	0	-
7	EEDD	1 AND 4	8	show titles
8	EEDD	delivery	96	show titles
9	EEDD	(single OR one) WITH (package$ OR ship$)	19	show titles
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L1: Entry 1 of 1   File: USPT   Sep 28, 1999

US-PAT-NO: 5960411
DOCUMENT-IDENTIFIER: US 5960411 A

TITLE: Method and system for placing a purchase order via a communications network

DATE-ISSUED: September 28, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hartman; Peri	Seattle	WA		
Bezos; Jeffrey P.	Seattle	WA		
Kaphan; Shel	Seattle	WA		
Spiegel; Joel	Seattle	WA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Amazon.com, Inc.	Seattle	WA			02

APPL-NO: 08/ 928951   [PALM]
DATE FILED: September 12, 1997

INT-CL: [06] G06 F 17/60

US-CL-ISSUED: 705/26; 705/27, 345/962
US-CL-CURRENT: 705/26; 345/962, 705/27

FIELD-OF-SEARCH: 705/26, 705/27, 380/24, 380/25, 235/2, 235/375, 235/378, 235/381, 395/188.01, 345/962

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

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	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	4937863	June 1990	Robert et al.	380/4
☐	5204897	April 1993	Wyman	380/4
☐	5260999	November 1993	Wyman	384/4
☐	5627940	May 1997	Rohra et al.	395/12
☐	5640501	June 1997	Turpin	395/768

☐	5640577	June 1997	Scharmer	395/768
☐	5664111	September 1997	Nahan et al.	705/27
☐	5715314	February 1998	Payne et al.	380/24
☐	5715399	February 1998	Bezos	705/27
☐	5727163	March 1998	Bezos	705/27
☐	5745681	April 1998	Levine et al.	395/200.3
☐	5758126	May 1998	Daniels et al.	395/500

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
0855687 A2	January 1998	EP	
0855659 A1	January 1998	EP	
0845747A2	June 1998	EP	
0883076A2	December 1998	EP	
WO 95/30961	November 1995	WO	
WO 96/38799	December 1996	WO	
WO 98/21679	May 1998	WO	

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Jones, Chris. "Java Shopping Cart and Java Wallet; Oracles plans to join e-commerce initiative." Mar. 31, 1997, InfoWorld Media Group.
"Pacific Coast Software Software creates virtual shopping cart." Sep. 6, 1996. M2 Communications Ltd 1996.
"Software Creates Virtual Shopping Cart." Sep. 5, 1996. Business Wire, Inc.
Terdoslavich, William. "Java Electronic Commerce Framework." Computer Reseller News, Sep. 23, 1996, CMP Media, Inc., 1996, pp. 126, http://www.elibrary.com/id/101/101/getdoc . . . rydocid=902269@library.sub.-- d&dtype=0.about.0&dinst=. [Accessed Nov. 19, 1998].
"Internet Access: Disc Distributing Announces Interactive World Wide." Cambridge Work-Group Computing Report, Cambridge Publishing, Inc., 1995, http://www.elibrary.com/id/101/101/getdoc . . . docid=1007497@library.sub.-- a&dtype=0.about.0&dinst=0. [Accessed Nov. 19, 1998].
Nance, Barry, "Reviews: A Grand Opening for Virtual Storefront With Middleware." Jun. 1, 1997, CMP Media, Inc. 1997, p. 80, http://www.elibrary.com/getdoc.egi? id=117 . . . docid=1257247@library.sub.-- a&dtype=0.about.0&dinst=0. [Accessed Nov. 19, 1998].
"Go-Cart Shopping Cart Software Features." 1996 GO International, Inc. http://www.go-cart.com/features.html. [Accessed Nov. 19, 1998].
"PerlShop Manual (version 2.2)." 1996, ARPAnct Corp. http://www.w3u.com/grokksoft/shop/perlman.html. [Accessed Nov. 19, 1998].
"Sax Software Announces Sax NetSell; Sax NetSell's design-time ActiveX controls make Internet commerce easy."1997, Sax Software Corp.
Baron, Chris and Bob Weil, "Implementing a Web Shopping Cart," Dr. Dobb's Journal, Sep. 1996, pp. 64, 66, 68-69, and 83-85.
Hoque, Reaz, "A Shopping Cart Application with JavaScript," Web Techniques, May 1998, pp. 63, 65-66, and 68.

ART-UNIT: 274

PRIMARY-EXAMINER: Trammell; James P.

ASSISTANT-EXAMINER: Smith; Demetra R.

ATTY-AGENT-FIRM: Perkins Coie LLP

ABSTRACT:

A method and system for placing an order to purchase an item via the Internet. The
order is placed by a purchaser at a client system and received by a server system.
The server system receives purchaser information including identification of the
purchaser, payment information, and shipment information from the client system.
The server system then assigns a client identifier to the client system and
associates the assigned client identifier with the received purchaser information.
The server system sends to the client system the assigned client identifier and an
HTML document identifying the item and including an order button. The client system
receives and stores the assigned client identifier and receives and displays the
HTML document. In response to the selection of the order button, the client system
sends to the server system a request to purchase the identified item. The server
system receives the request and combines the purchaser information associated with
the client identifier of the client system to generate an order to purchase the
item in accordance with the billing and shipment information whereby the purchaser
effects the ordering of the product by selection of the order button.

26 Claims, 12 Drawing figures

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L2: Entry 1 of 1   File: USPT   Sep 28, 1999

DOCUMENT-IDENTIFIER: US 5960411 A
TITLE: Method and system for placing a purchase order via a communications network

Brief Summary Text (7):
Since the purchaser-specific order information contains sensitive information
(e.g., a credit card number), both vendors and purchasers want to ensure the
security of such information. Security is a concern because information transmitted
over the Internet may pass through various intermediate computer systems on its way
to its final destination. The information could be intercepted by an unscrupulous
person at an intermediate system. To help ensure the security of the sensitive
information, various encryption techniques are used when transmitting such
information between a client computer system and a server computer system. Even
though such encrypted information can be intercepted, because the information is
encrypted, it is generally useless to the interceptor. Nevertheless, there is
always a possibility that such sensitive information may be successfully decrypted
by the interceptor. Therefore, it would be desirable to minimize the sensitive
information transmitted when placing an order.

Brief Summary Text (8):
The selection of the various items from the electronic catalogs is generally based
on the "shopping cart" model. When the purchaser selects an item from the
electronic catalog, the server computer system metaphorically adds that item to a
shopping cart. When the purchaser is done selecting items, then all the items in
the shopping cart are "checked out" (i.e., ordered) when the purchaser provides
billing and shipment information. In some models, when a purchaser selects any one
item, then that item is "checked out" by automatically prompting the user for the
billing and shipment information. Although the shopping cart model is very flexible
and intuitive, it has a downside in that it requires many interactions by the
purchaser. For example, the purchaser selects the various items from the electronic
catalog, and then indicates that the selection is complete. The purchaser is then
presented with an order Web page that prompts the purchaser for the purchaser-
specific order information to complete the order. That Web page may be prefilled
with information that was provided by the purchaser when placing another order. The
information is then validated by the server computer system, and the order is
completed. Such an ordering model can be problematic for a couple of reasons. If a
purchaser is ordering only one item, then the overhead of confirming the various
steps of the ordering process and waiting for, viewing, and updating the purchaser-
specific order information can be much more than the overhead of selecting the item
itself. This overhead makes the purchase of a single item cumbersome. Also, with
such an ordering model, each time an order is placed sensitive information is
transmitted over the Internet. Each time the sensitive information is transmitted
over the Internet, it is susceptible to being intercepted and decrypted.

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L2: Entry 1 of 1   File: USPT   Sep 28, 1999

US-PAT-NO: 5960411
DOCUMENT-IDENTIFIER: US 5960411 A

TITLE: Method and system for placing a purchase order via a communications network

DATE-ISSUED: September 28, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hartman; Peri	Seattle	WA		
Bezos; Jeffrey P.	Seattle	WA		
Kaphan; Shel	Seattle	WA		
Spiegel; Joel	Seattle	WA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Amazon.com, Inc.	Seattle	WA			02

APPL-NO: 08/ 928951   [PALM]
DATE FILED: September 12, 1997

INT-CL: [06] G06 F 17/60

US-CL-ISSUED: 705/26; 705/27, 345/962
US-CL-CURRENT: 705/26; 345/962, 705/27

FIELD-OF-SEARCH: 705/26, 705/27, 380/24, 380/25, 235/2, 235/375, 235/378, 235/381, 395/188.01, 345/962

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

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	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	4937863	June 1990	Robert et al.	380/4
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Nance, Barry, "Reviews: A Grand Opening for Virtual Storefront With Middleware." Jun. 1, 1997, CMP Media, Inc. 1997, p. 80, http://www.elibrary.com/getdoc.egi?id=117 . . . docid=1257247@library.sub.-- a&dtype=0.about.0&dinst=0. [Accessed Nov. 19, 1998].
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26 Claims, 12 Drawing figures